Claims

1. An endless cable winch, comprising a working cable (28), a housing (54), in which is mounted a driving cable pulley (58) around at least a part of which the working cable (28) is wrapped, and a drive (24) for driving the driving cable pulley (58), and further comprising an overload detection device (11) for detecting an overload of the working cable (28), characterized in that the housing (54) is mounted so as to be pivotable about a pivot axis (12), and in that a sensor (13) for detecting a pivoting movement of the housing (54) is provided.

2. The endless cable winch according to claim 1, characterized in that the housing (54) is pivotably mounted at a first end, and is suspended at a second end from an elongation element (14).

3. The endless cable winch according to claim 2, characterized in that the elongation element (14) is in the form of a spring element.

4. The endless cable winch according to any of the preceding claims, characterized in that the sensor (13) is in the form of a travel sensor, elongation sensor, contact sensor, piezo sensor, magnetic sensor or movement sensor.

5. The endless cable winch according to any of the preceding claims, characterized in that the drive (24) is shut off when the sensor (13) responds.

6. The endless cable winch according to any of the preceding claims, characterized in that a signal which indicates an overload state is output when the sensor (13) responds, for example in order to output a warning signal.

7. The endless cable winch according to any of the preceding claims, characterized in that the working cable (28) is wrapped around the driving cable pulley (58) with

Claims

1. An endless cable winch, comprising a working cable (28), a housing (54), in which is mounted a driving cable pulley (58) around at least a part of which the working cable (28) is wrapped, and a drive (24) for driving the driving cable pulley (58), and further comprising an overload detection device (11) for detecting an overload of the working cable (28), characterized in that the housing (54) is mounted so as to be pivotable about a pivot axis (12), and in that the overload detection device (11) comprises a sensor (13) for detecting a pivoting movement of the housing (54).

2. The endless cable winch according to claim 1, characterized in that the housing (54) is pivotably mounted at a first end, and is suspended at a second end from an elongation element (14).

3. The endless cable winch according to claim 2, characterized in that the elongation element (14) is in the form of a spring element.

4. The endless cable winch according to any of the preceding claims, characterized in that the sensor (13) is in the form of a travel sensor, elongation sensor, contact sensor, piezo sensor, magnetic sensor or movement sensor.

5. The endless cable winch according to any of the preceding claims, characterized in that the drive (24) is shut off when the sensor (13) responds.

6. The endless cable winch according to any of the preceding claims, characterized in that a signal which indicates an overload state is output when the sensor (13) responds, for example in order to output a warning signal.

7. The endless cable winch according to any of the preceding claims, characterized in that the working cable (28) is wrapped around the driving cable pulley (58) with